

FIG. 1 COURTESY COPY

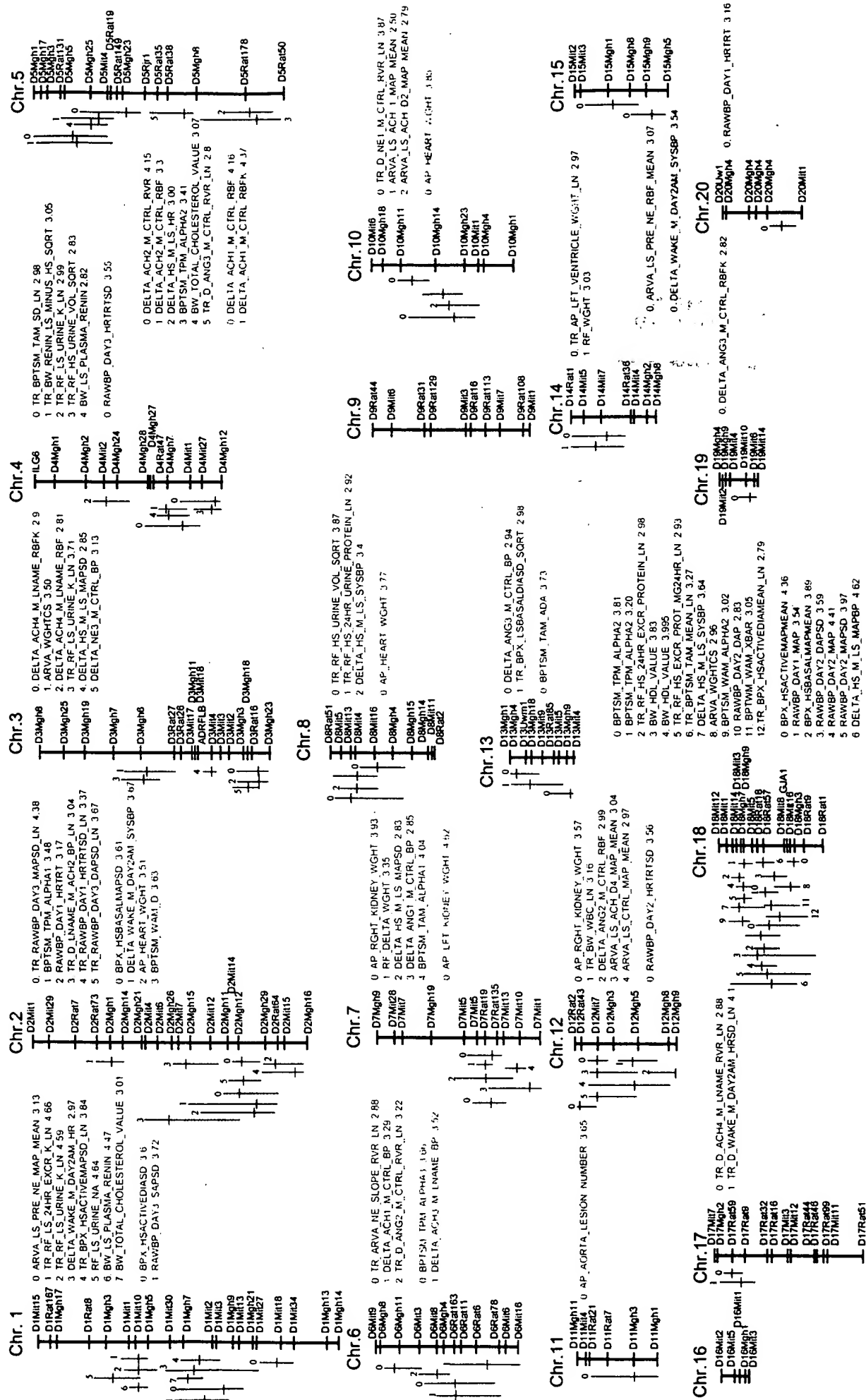


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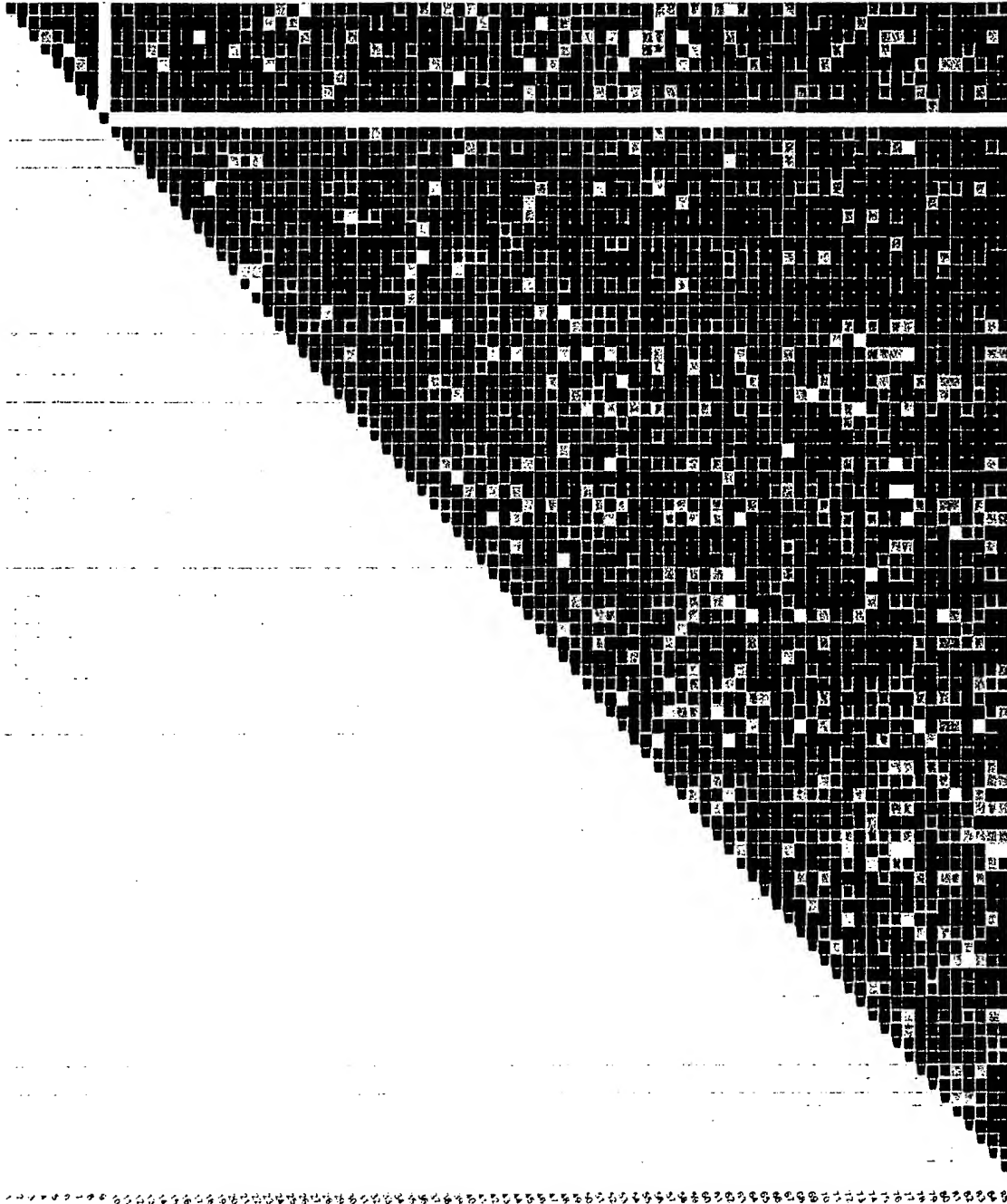
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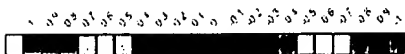
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**Figure 2: Colorization of a random correlation matrix for BN**

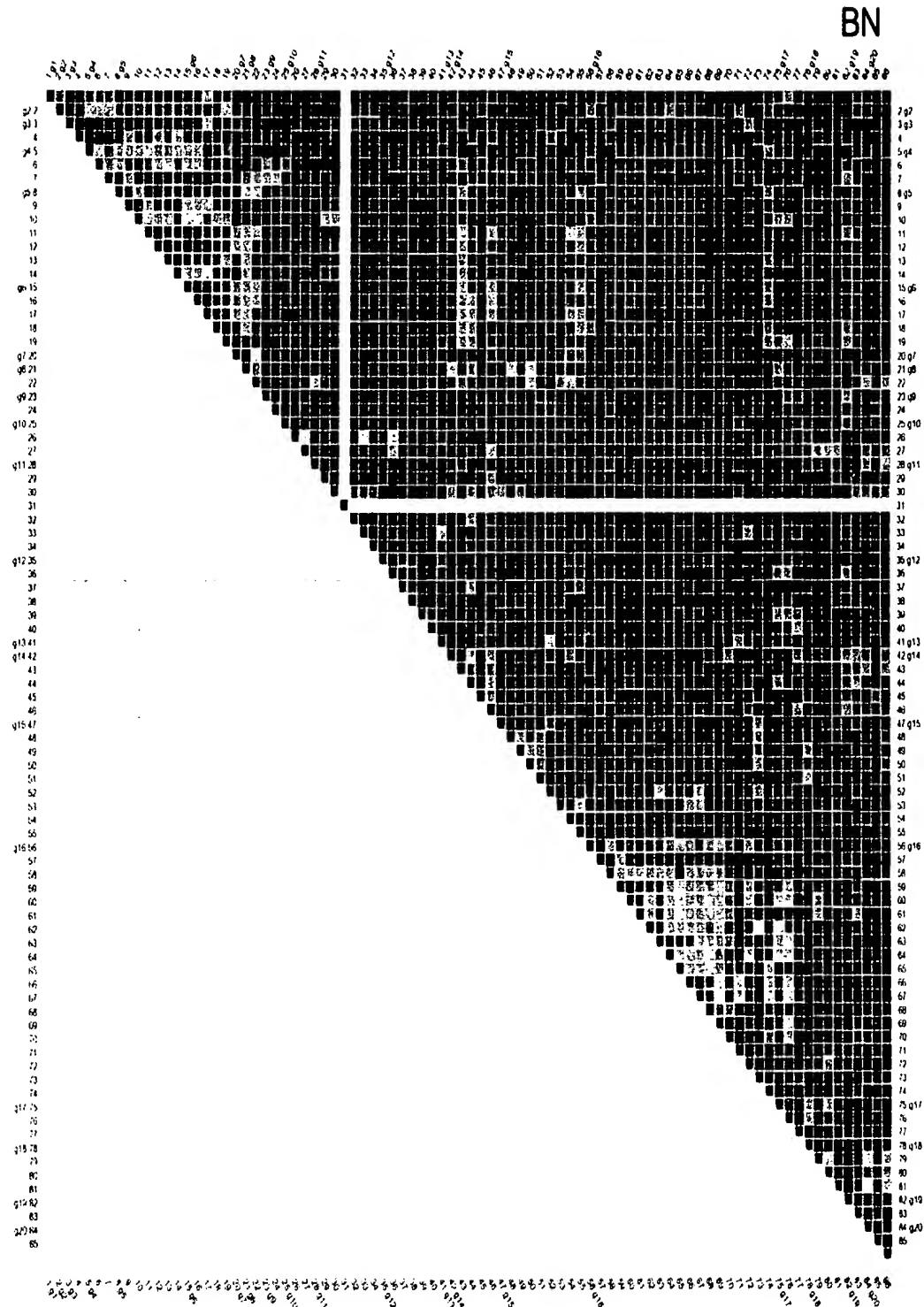


NA



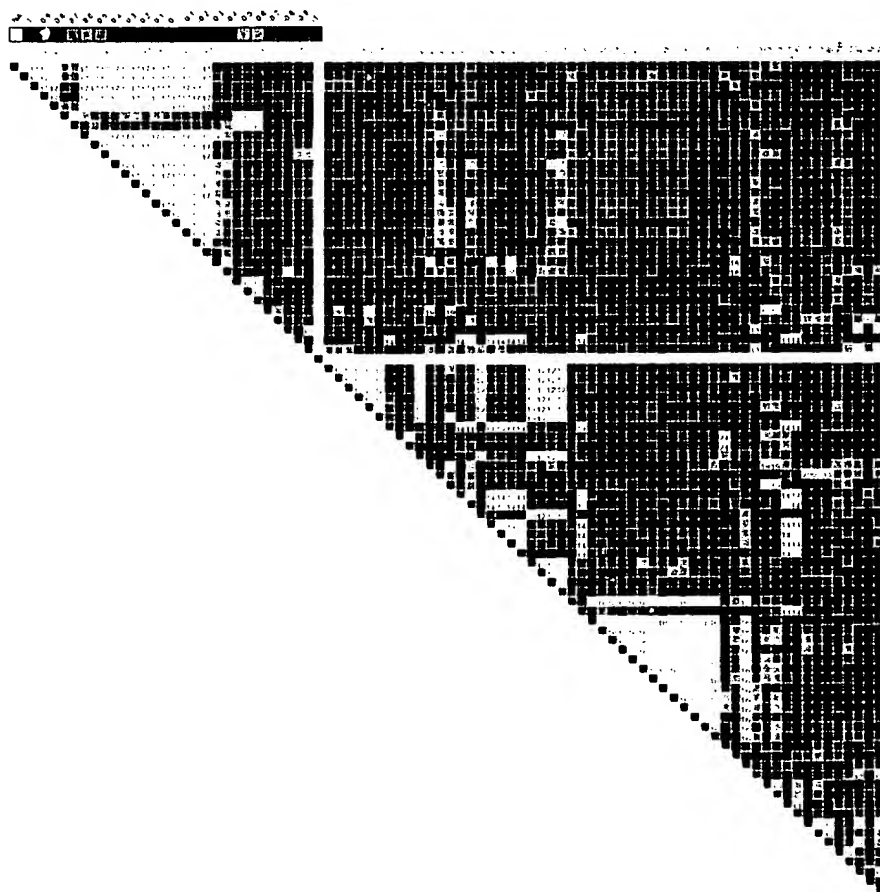
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**Figure 3: Functionally clustered physiological profile**



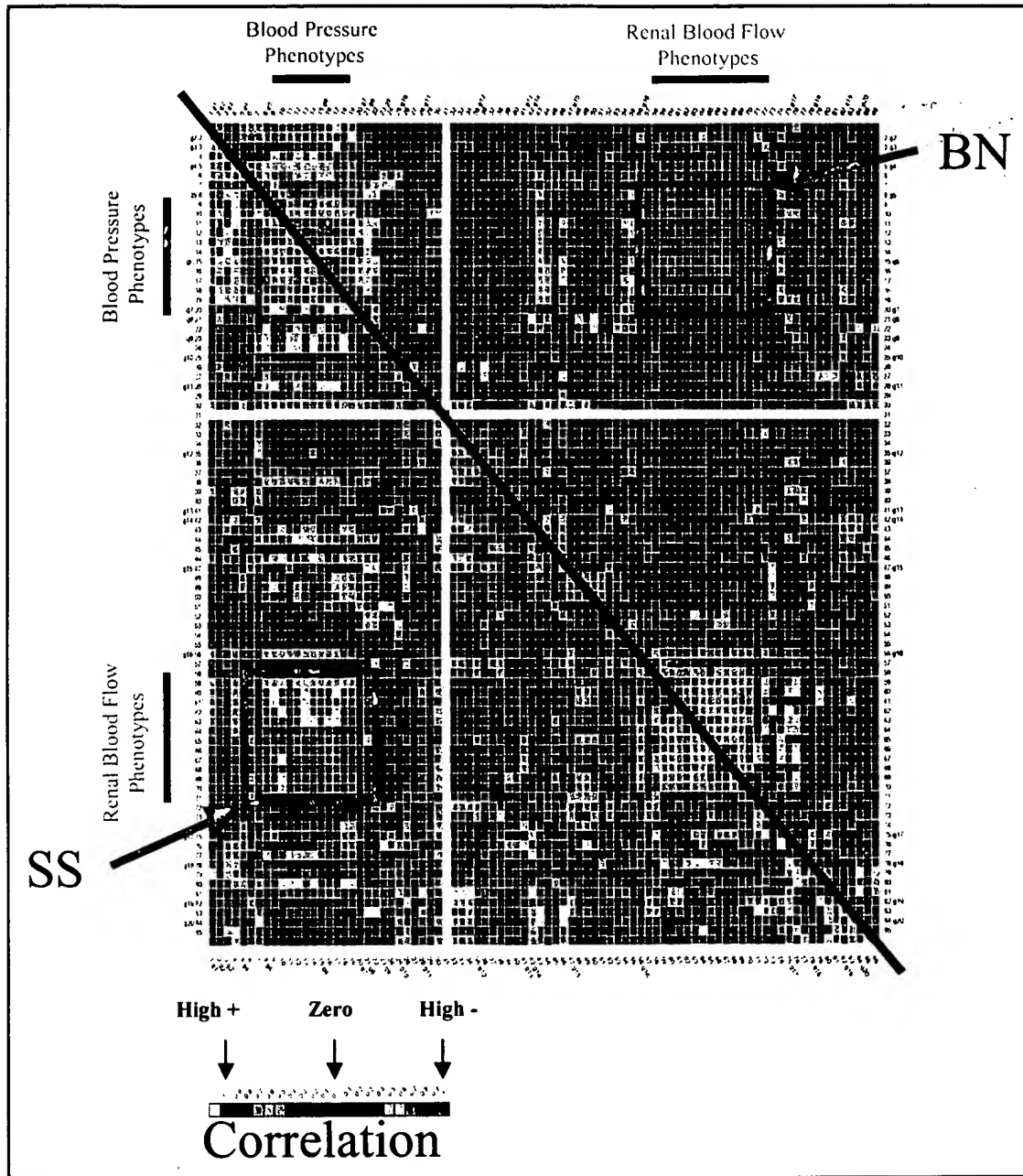
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***Figure 4: Composite matrices of two physiological profiles generated by functional clustering and algorithm-based clustering***



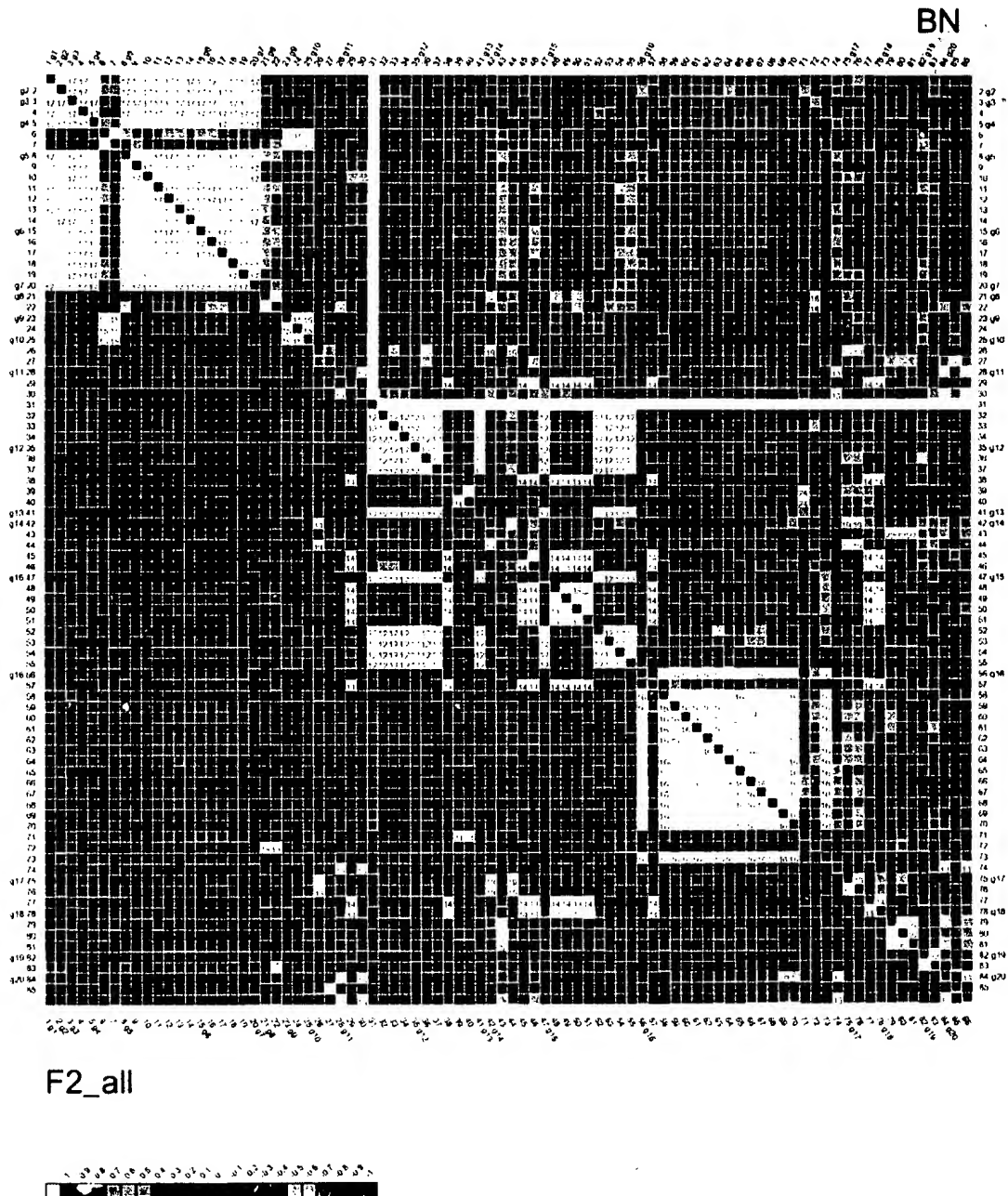
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**Figure 5: Physiological Profiling of autoregulation of blood flow in the SS and BN rat.**



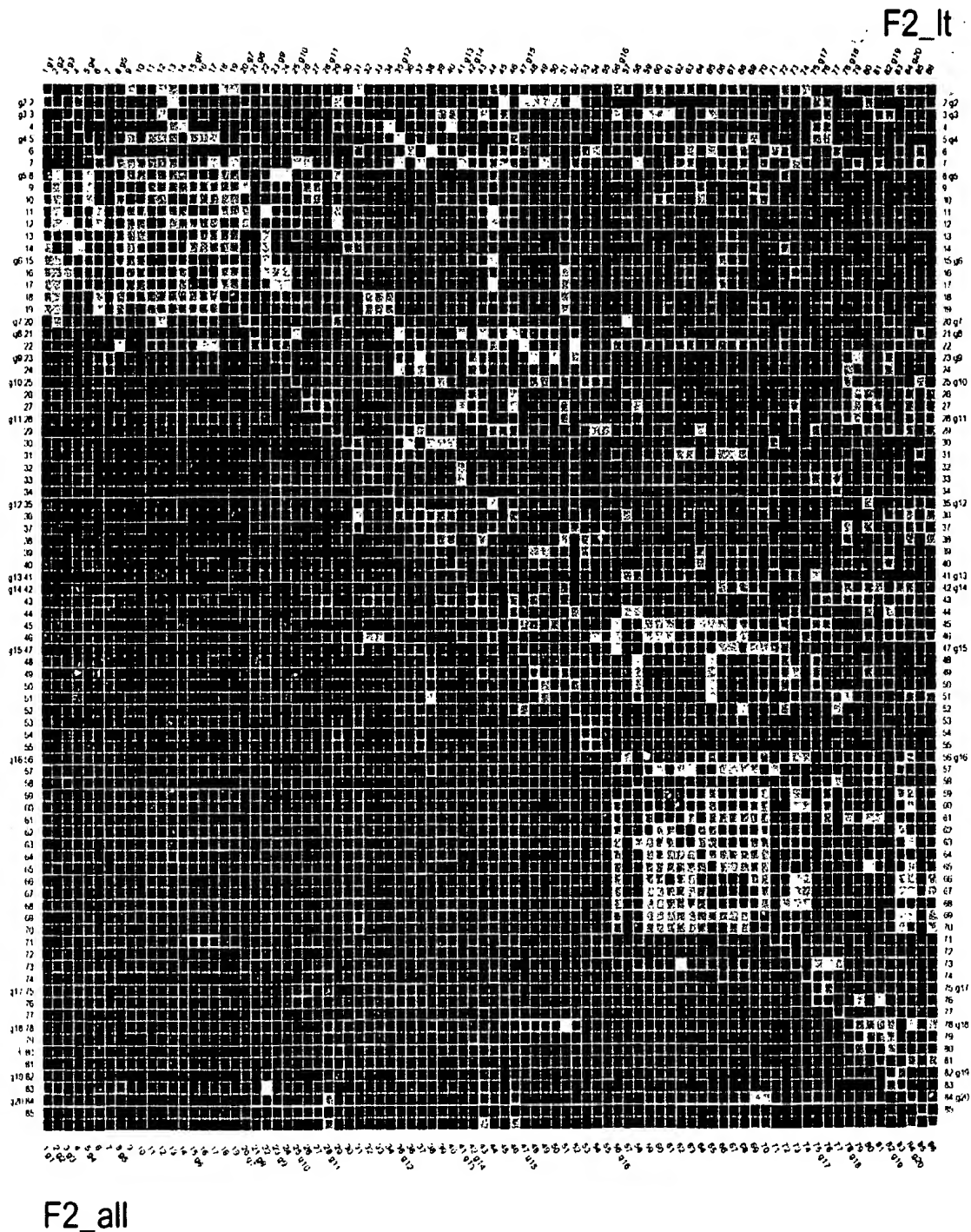
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**Figure 6: Composite profiles of parental BN and F2 progeny rats generated by overlaying functionally clustered correlation matrices with algorithm clustered correlation matrices**



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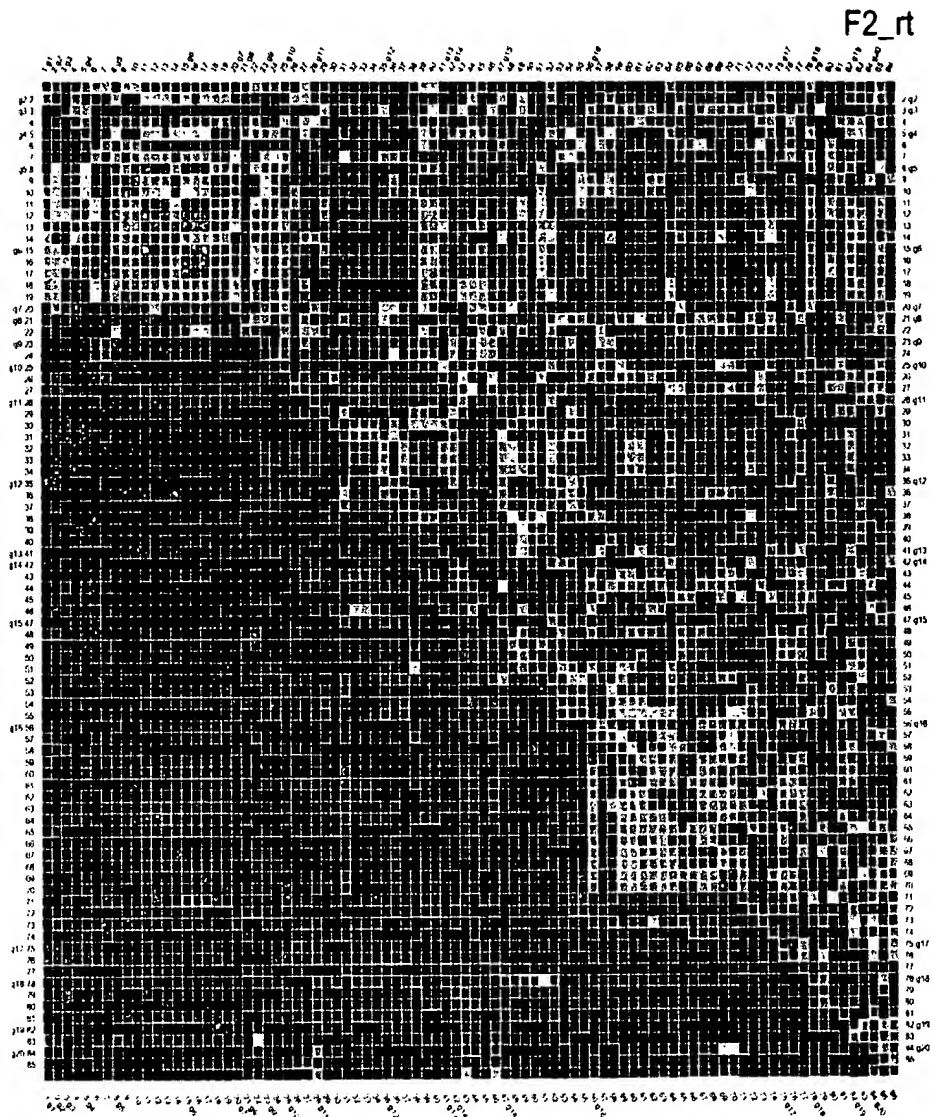
**Figure 7A: Physiological profiles of the entire F2 population and the F2 progeny population that fall in the left 10 % of a distribution after a salt challenge**





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**Figure 7B: Physiological profiles of the entire F2 population and the F2 progeny population that fall in the right 10 % of a distribution after a salt challenge**



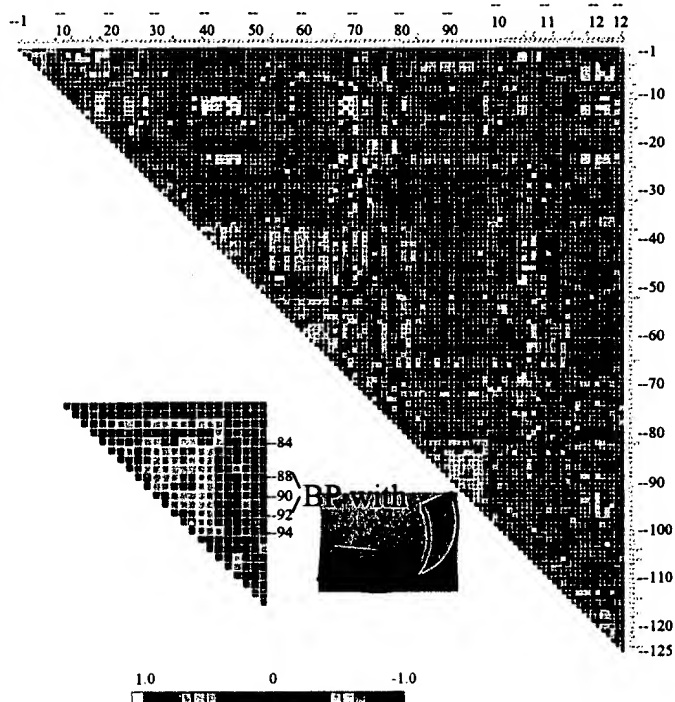
F2\_all



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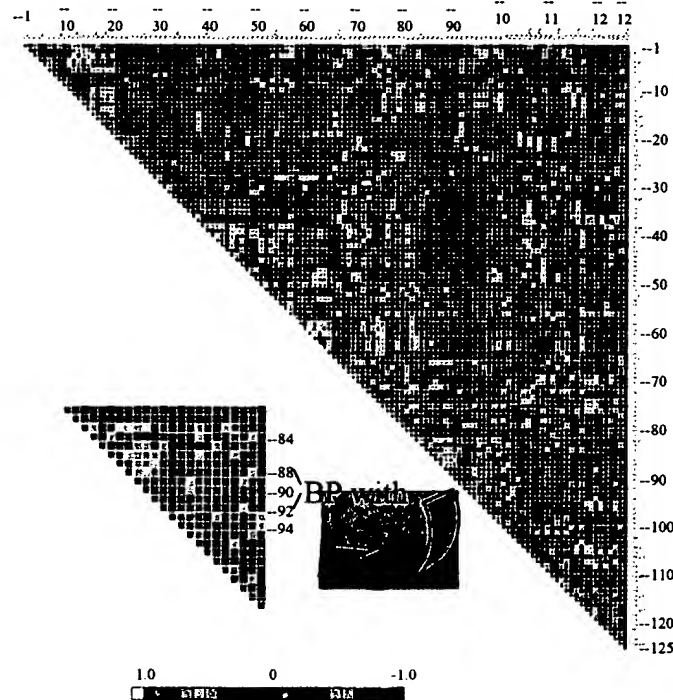
**Figure 8A**

F2 male genotype homozygote SS/SS at D10Mgh14 marker on chr 10



**Figure 8B**

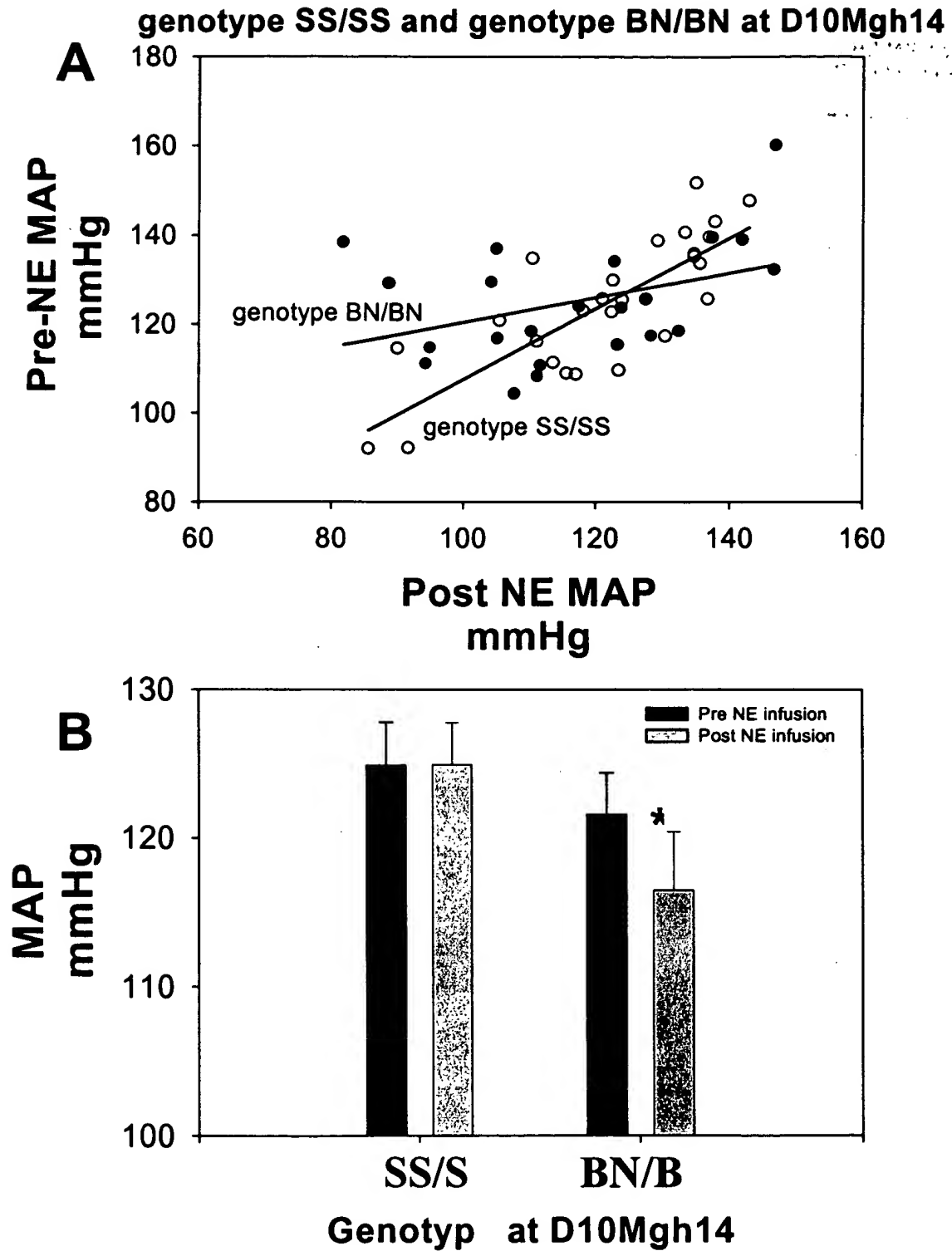
F2 male genotype homozygote BN/BN at D10Mgh14 marker on chr 10



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**Figure 9**

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**Figure 10: physiological profiles of French Canadian and African American  
hypertensive patients**

